

August 2, 1985

State of Utah
Natural Resources
Oil, Gas & Mining
355 West North Temple
3 Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

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OCT 07 1985

DIVISION OF
OIL, GAS & MINING

RE: Mining Plan Modification of July 8, 1985, Submittal.
Redmond Bentonite Pit, Act/041/012, Seveir County, Utah.

ATTENTION: Randy Hardin

Gentlemen:

Enclosed are modifications of the reclamation and re-vegetation requested by Mr. Randy Hardin.

Cost sources were taken from 1985 editions of the following:

1. Rental rate blue book.
2. Cost standards for cost estimating.
3. Mean site work cost data.

RULE M-5 SURETY GUARANTEE RECLAMATION COST ESTIMATE.

		RATE	COST
General Cleanup			\$ 150.00
Regrading, Contouring, & removing Catch Basins	24 hrs.D.8.K	\$128./hr.	3,840.00
Fuel & Maintenance	24 hrs.	\$28./hr.	672.00
Operator	24 hrs.	\$29.25/hr.	702.00
Erosion Control using Back Ripper to make Furrows	4 hrs.	\$24.90/hr.	99.60
Maintenance on Ripper	4 hrs.	\$ 2.25/hr.	9.00

Revegetation seed mix
application rate as
recommended by local
S.C.S. Range Conservationist.

SPECIES	lbs/seed/acre	Cost/lb.	Cost
Needle & Thread	1	\$ 58.65	\$ 58.65
Crested Wheat Grass	3	.83	2.49
Sand Dropseed	2	2.45	4.90

Mining Plan Modification (continued)

SPECIES(cont)	lbs/seed/acre	Cost/lb.	Cost
Yellow Seet Clover	1	.48	\$.48
Siberian Wheet Grass	2	1.30	2.60
Indian Ricegrass	2	7.25	14.50
Shadscale	4	5.76	23.04

SEED COST PER ACRE \$106.66

AREA TO BE DISTURBED 7.57 Acres

AREA TO BE RESEEDED 1 acre \$ 106.66

HAND BROADCAST OF SEED.
NO SEED WILL BE PLANTED
ON BENTONITE OUTCROPS.

Labor 8 hrs. \$22.40/hr 179.20

Sample Soil Prior
to Reseeding for
Fertilizer requirments 50.00

Labor and Fertilization 200.00

Monitoring $\frac{1}{2}$ day/year
for 3 years 275.00

Total \$ 6,283.46

10% Contingency 628.34

TOTAL RECLAMATION COST \$ 6,911.80

RULE M-6 PLANS & MAPS.

Modification has been done on the site plan map. A profile section has been made showing present surface, pit profile, bentonite contact, waste area and reclamation contour.

WESTERN CLAY COMPANY

Neal J. Mortensen
President